

SEQUENCE LISTING

(1) GENERAL INFORMATION:

(i) APPLICANT: DE BOER, MARK
CONROY, LEAH B.

(ii) TITLE OF INVENTION: METHODS OF BLOCKING B-CELL ACTIVATION
USING ANTI-CD40 MONOCLONAL ANTIBODIES

(iii) NUMBER OF SEQUENCES: 7

(iv) CORRESPONDENCE ADDRESS:

(A) ADDRESSEE: CHIRON CORPORATION
(B) STREET: 4560 Horton Street, R-440
(C) CITY: Emeryville
(D) STATE: California
(E) COUNTRY: USA
(F) ZIP: 94608-2916

(v) COMPUTER READABLE FORM:

(A) MEDIUM TYPE: Floppy disk
(B) COMPUTER: IBM PC compatible
(C) OPERATING SYSTEM: PC-DOS/MS-DOS
(D) SOFTWARE: PatentIn Release #1.0, Version #1.25

(vi) CURRENT APPLICATION DATA:

(A) APPLICATION NUMBER: US 08/070,158
(B) FILING DATE: 28-MAY-1993
(C) CLASSIFICATION:

(viii) ATTORNEY/AGENT INFORMATION:

(A) NAME: McGarrigle, Philip L.
(B) REGISTRATION NUMBER: 31,395
(C) REFERENCE/DOCKET NUMBER: 0925.003

(ix) TELECOMMUNICATION INFORMATION:

(A) TELEPHONE: (510) 601-2718
(B) TELEFAX: (510) 655-3542
(C) TELEX: n/a

(2) INFORMATION FOR SEQ ID NO:1:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 50 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: DNA (genomic)

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:

GATCCACCAT GGAGCTCGAG ATCTAGAATT CTGCAGCCCG GGTACCGATC

50

(2) INFORMATION FOR SEQ ID NO:2:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 27 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: DNA (genomic)

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:

GCGCTGCAGC ATCTGAAGCC ATGGGCC

27

(2) INFORMATION FOR SEQ ID NO:3:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 27 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: DNA (genomic)

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:

CGCGGTACCT TGCTTCTGCG GACACTG

27

(2) INFORMATION FOR SEQ ID NO:4:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 61 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: DNA (genomic)

(ix) FEATURE:

- (A) NAME/KEY: misc_feature
- (B) LOCATION: 11..40
- (D) OTHER INFORMATION: /note= "The underlining represents
an epitope recognized by a monoclonal antibody
used for affinity purification."

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:

GCGCGGTACC TTACTCCATG GGCATGTATT CCTCTTCCTC GTTATCAGGA AAATGCTGTT

60

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61

(2) INFORMATION FOR SEQ ID NO:5:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 32 base pairs

- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: DNA (genomic)

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:

CGGTAGATCT GGTCTCACCT CGCCATGGTT CG

32

(2) INFORMATION FOR SEQ ID NO:6:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 34 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: DNA (genomic)

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:6:

GCGTGGTACC CCACACTCCT GGGTGGGTGC AGCC

34

(2) INFORMATION FOR SEQ ID NO:7:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 61 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: DNA (genomic)

(ix) FEATURE:

- (A) NAME/KEY: misc_feature
- (B) LOCATION: 11..40
- (D) OTHER INFORMATION: /note= "The underlining represents
an epitope recognized by a monoclonal antibody
used for affinity purification."

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:7:

GCGTGGTACC TTA~~CTCC~~ATG GGCATGTATT CCTCTTCCTC ATCAGTCTTG TTTGTGCCTG

60

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61